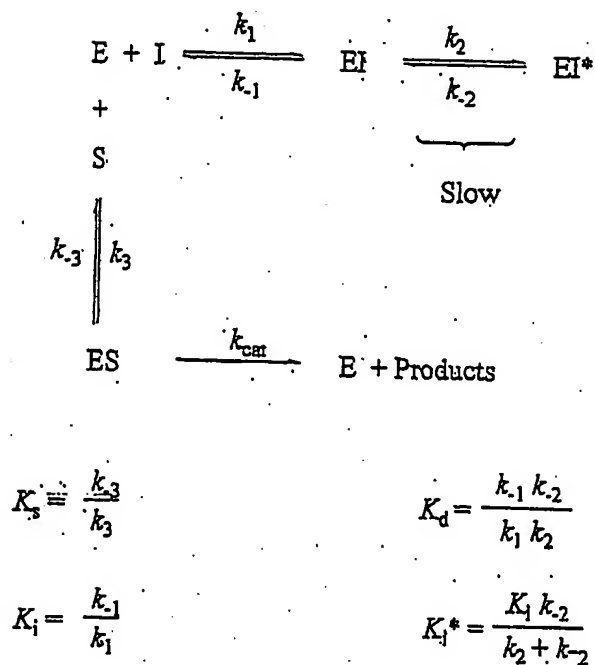


FIGURE 1



Scheme 1

$$k_{\text{app}} = k_2 + \left[k_2 \frac{[\text{I}]/K_i}{1 + [\text{I}]/K_i} \right] \quad \text{eqn. (1)}$$

$$[\text{EI}^*] = \frac{([\text{E}]_t + [\text{I}]_t + K_d) - \sqrt{([\text{E}]_t + [\text{I}]_t + K_d)^2 - 4([\text{E}]_t [\text{I}]_t)}}{2} \quad \text{eqn. (2)}$$

$$t_{1/2} = \frac{\ln 2}{k_2} \left[1 + \frac{K_i}{[\text{I}]} \right] \quad \text{eqn. (3)}$$

Figure 2

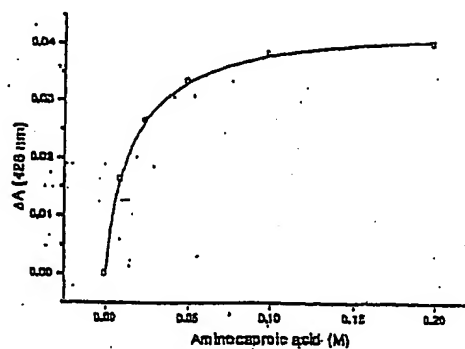


Figure 3

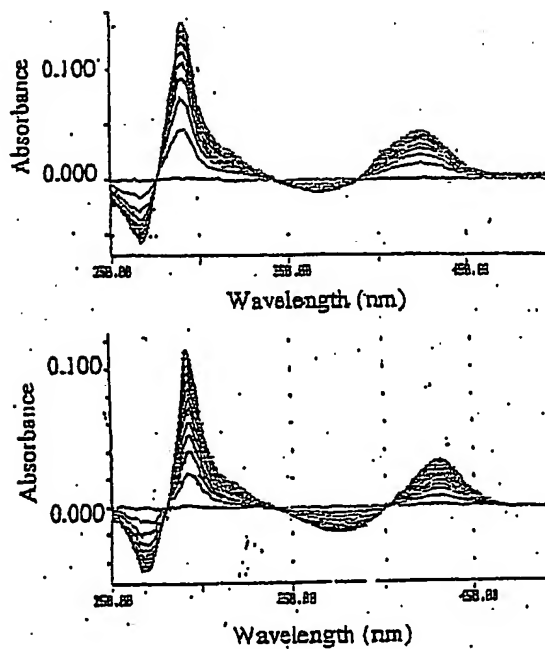
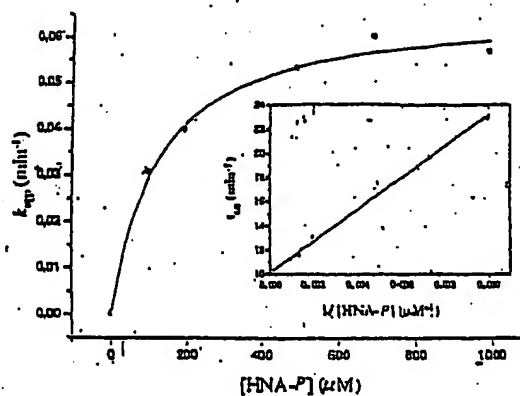


Figure 4



e 5

